

**ABSTRACT OF THE DISCLOSURE**

A system and method for displaying a receiving sensitivity in a mobile terminal includes a display unit which displays a receiving sensitivity graph indicating a received signal strength at a current direction of the terminal. Also included is a direction measurement unit for periodically measuring a direction of a mobile terminal, a received signal strength indicator for measuring the received signal strength, a memory for storing direction information of a mobile terminal and a corresponding received signal strength, and a control unit for controlling storage of a newly-measured direction of a mobile terminal and a corresponding received signal strength when a direction of the mobile terminal changes. The current direction of the mobile terminal and a corresponding received signal strength may be recorded in memory along with previous position and signal strength information. When simultaneously displayed, a user can easily understand his or her peripheral receiving sensitivity situation and can find the best receiving sensitivity direction.